

## HW5

### General

```
clamp = @(x, a, b) min(max(x, a), b)
```

```
clamp = function_handle with value:
@(x,a,b)min(max(x,a),b)
```

```
img = imread("../images/greyscale1.jpg");
```

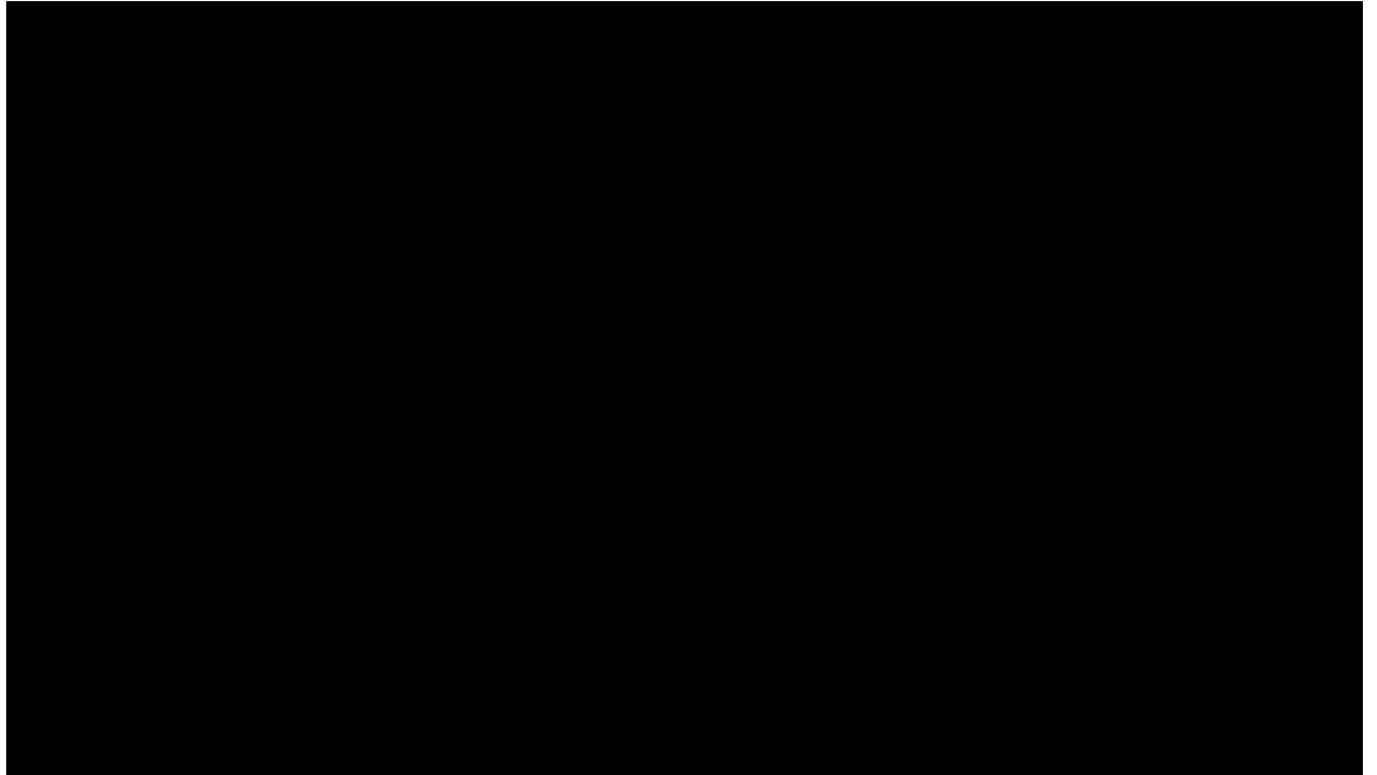
### Point addition

```
imshow(clamp(img +210, 0, 255))
```



## Point multiplication

```
imshow(clamp(img *0, 0, 255))
```



Point division

```
imshow(clamp(img /7, 0, 255))
```

Warning: Error updating Text.

Update failed for unknown reason.



Point inversion

```
imshow(255 - img)
```



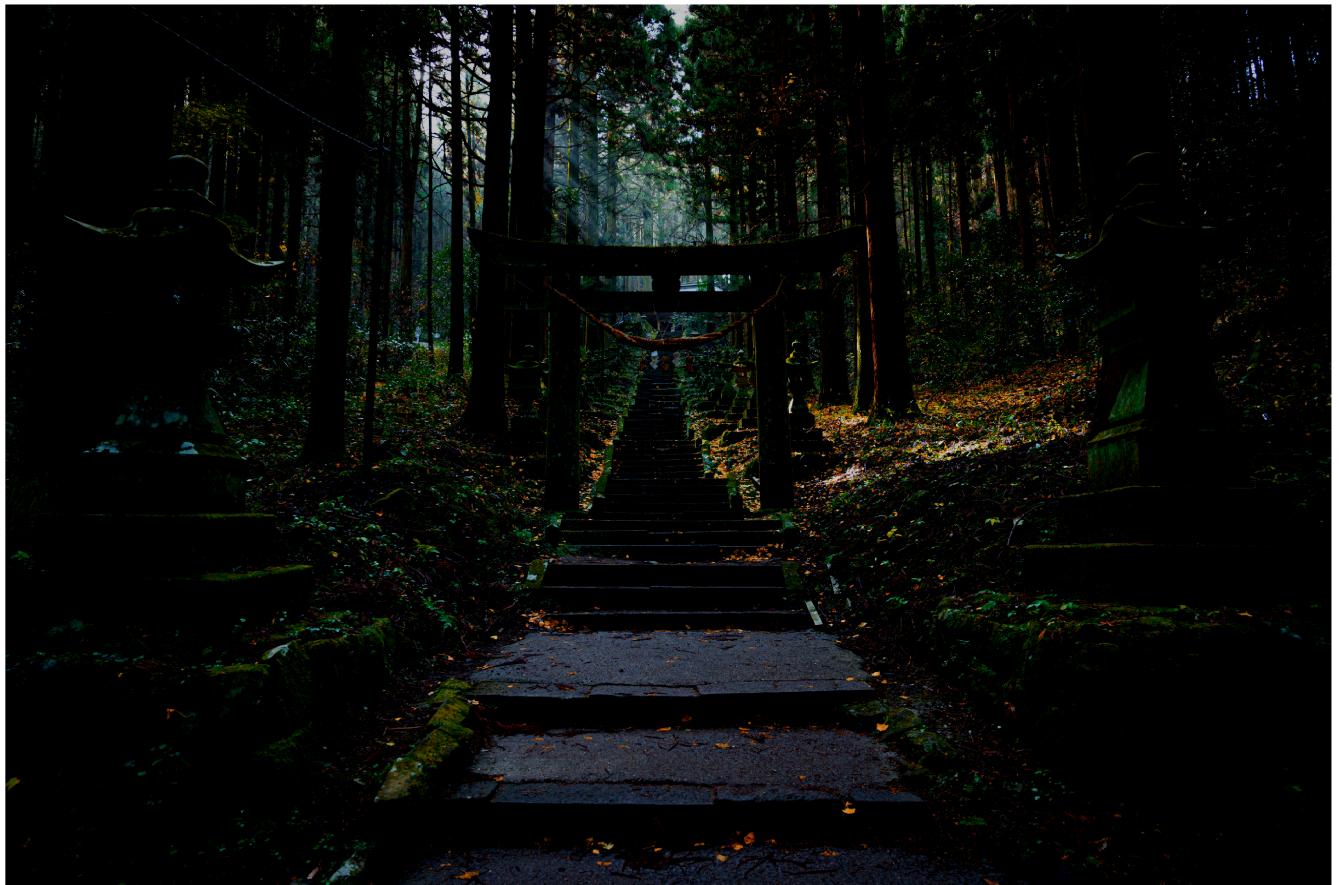
Extra, point operations on colored image

General

```
img = imread("../images/rgb1.jpg");
```

Point addition

```
imshow(clamp(img + -46, 0, 255))
```



Point multiplication

```
imshow(clamp(img *5, 0, 255))
```

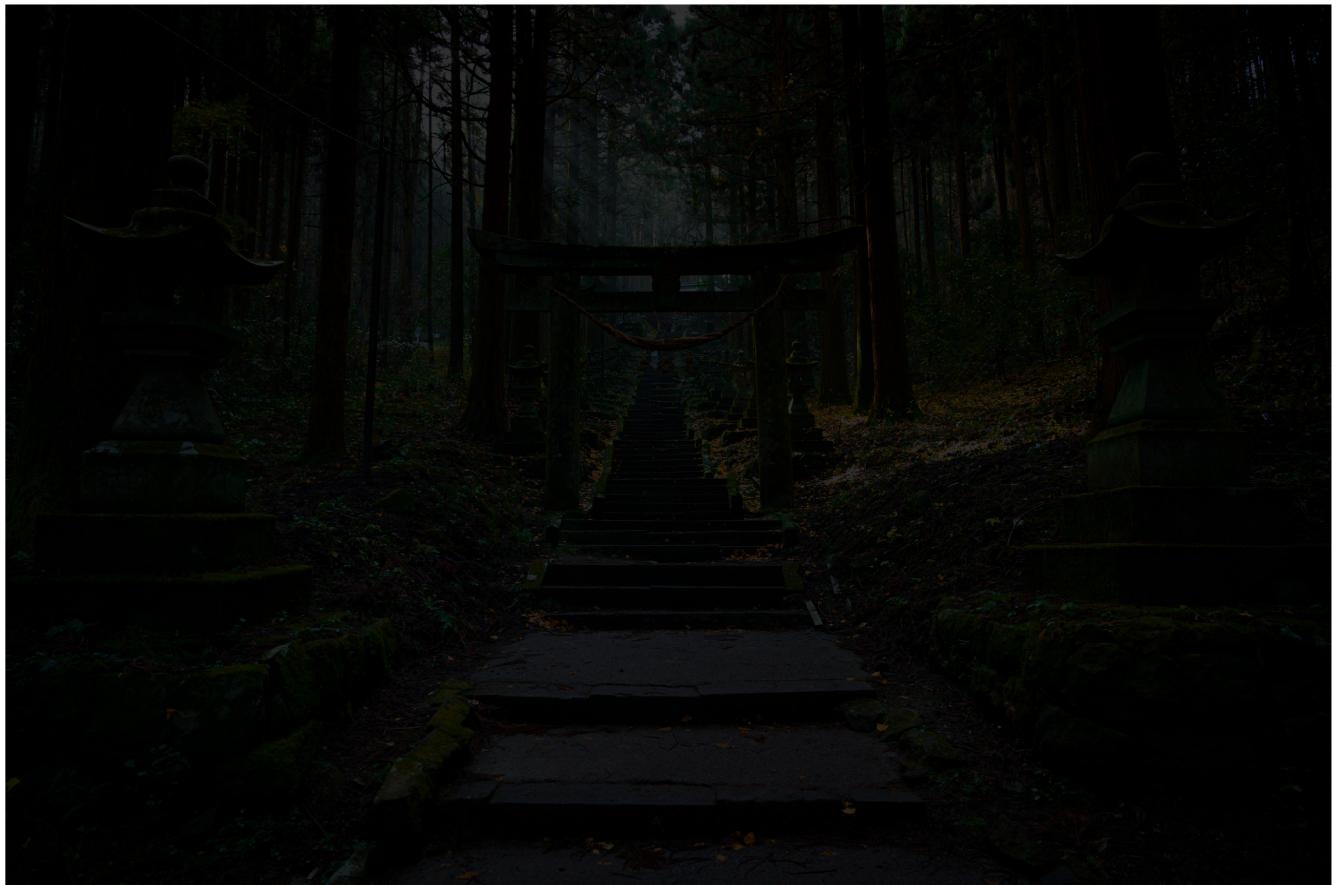
Warning: Error updating Text.

Update failed for unknown reason.



Point division

```
imshow(clamp(img /5, 0, 255))
```



Point inversion

```
imshow(255 - img)
```

